

1/2

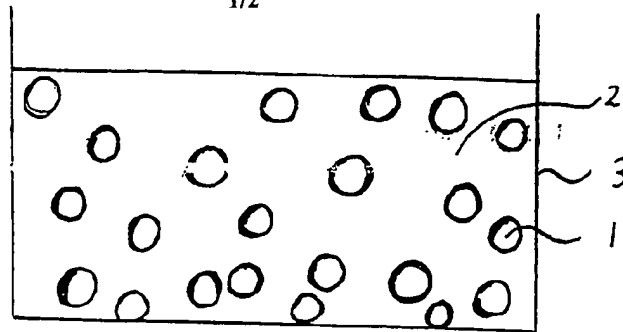


FIG 1 a)

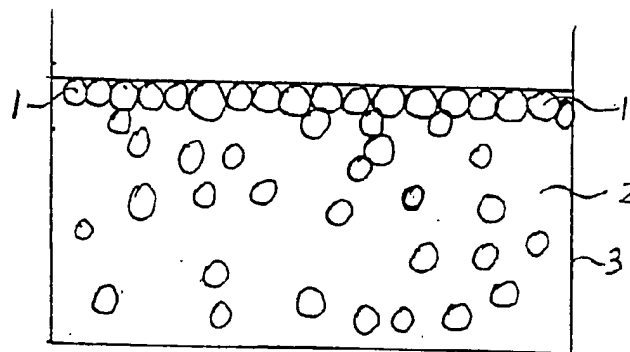


FIG 1 b)

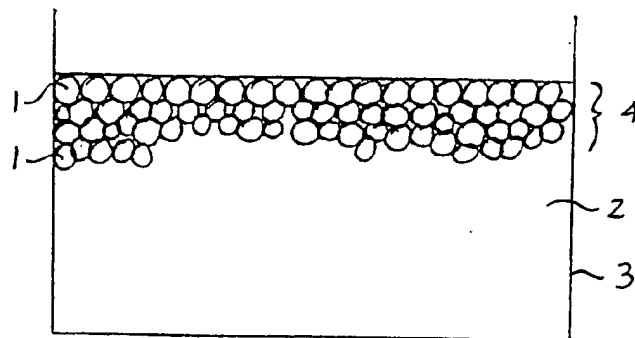


FIG 1 c)

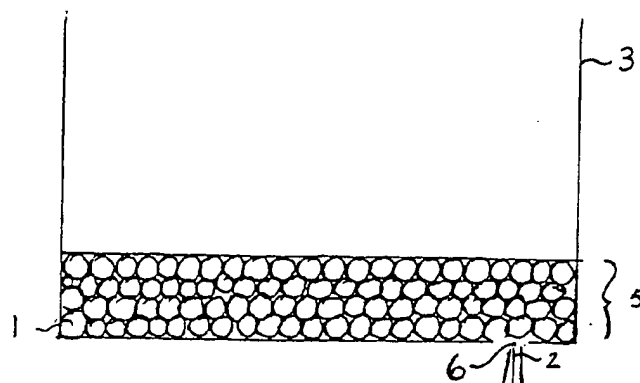


FIG 1 d)

FIGURE 2

TABLE 1

| Mould No. | Mass ratio (acetone/microspheres/ (epoxy+hardener)) | Volume fraction ratio (acetone/microspheres/ (epoxy+hardener)) | Foam bulk density (g/cc) |
|-----------|---|--|-----------------------------|
| 1 | 6/1/2 | 0.44/0.45/0.106 | 0.250 |
| 2 | 8/1/2 | 0.51/0.40/0.092 | 0.137 |
| 3 | 10/1/2 | 0.57/0.35/0.082 | 0.112 |
| 4 | 12/1/2 | 0.61/0.31/0.074 | 0.123 |
| 5 | 14/1/2 | 0.65/0.29/0.067 | 0.106 |
| 6 | 18/1/2 | 0.70/0.24/0.056 | 0.096 |
| 7 | 30/1/2 | 0.80/0.16/0.038 | 0.082 |
| 8 | 40/1/2 | 0.84/0.13/0.030 | 0.080 |